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Inhalt/Contents

Abels, H.: Specker-Kompaktifizierungen von lokal kompakten topologischen Gruppen . . . 325

Baeza, R.: Ein Teilformensatz für quadratische Formen in Charakteristik 2 175

Djoković, D. Ž.: Level of a Field and the Number of Square Classes 267

Gardiner, A.: Doubly Primitive Vertex Stabilisers in Graphs 257

Grütter, A.: Wesentliche Selbstadjungiertheit eines Schrödinger-Operators 289

Hackenbroch, W.: Eindeutigkeit des Darstellungsraumes von Vektorverbänden . . 285

Hale, M. P., Jr., Shult, E. E.: Equiangular Lines, the Graph Extension Theorem, and Transfer in Triply Transitive Groups 111

Hansel, G.: Strict Uniformity in Ergodic Theory 221

Held, R. P., Sjerve, D. K.: On the Homotopy Properties of Thom Complexes 315

Hildebrandt, S., Wente, H. C.: Variational Problems with Obstacles and a Volume Constraint 55

Hofmann, K. H., Mislove, M., Stralka, A.: Dimension Raising Maps in Topological Algebra 1

Howlett, R. B.: On the Degrees of Steinberg Characters of Chevalley Groups 125

Jenkins, J. A.: On a Problem Concerning Harmonic Measure 279

Johnson, N. L., Kallaher, M. J.: Transitive Collineation Groups on Affine Planes . . 149

Johnson, N. L., Seydel, R. E.: A Class of Translation Planes of Order 3^6 271

Kallaher, M. J., s. Johnson, N. L.: 149

Kuhlmann, N.: Über holomorphe Abbildungen mit projektiven Fasern 43

MacDonald, J. L.: Coherence and Embedding of Algebras 185

Mislove, M., s. Hofmann, K. H., *et al.* 1

Newell, M. L.: Splitting Theorems and Engel Groups 37

Newman, M. F., Sichler, J.: Free Products of Hopf Groups 69

Passi, I. B. S.: Polynomial Maps on Groups. II 137

Passi, I. B. S., Stammbach, U.: A Filtration of Schur Multiplicator 143

Reynolds, W. F.: Fields Related to Brauer Characters 363

Rindler, H.: Ein Problem aus der Theorie der Gleichverteilung. II 73

Scheffold, E.: Über den schwachen Kegel-Spektralradius und die nichtnegativen Spektralwerte positiver Operatoren 93

Seydel, R. E., s. Johnson, N. L. 271

Shult, E. E., s. Hale, M. P., Jr. 111

Sichler, J., s. Newman, M. F. 69

Silcock, H. L.: Metanilpotent Groups Satisfying the Minimal Condition for Normal Subgroups. 165

Sjerve, D.K., s. Held, R.P. 315
Stammbach, U., Passi, I.B.S. 143
Stölting, R.: Über endliche Hjelmslev-Gruppen 249
Stralka, A., s. Hofmann, K.H., *et al.* 1
Wente, H.C., s. Hildebrandt, S. 55
Wilson, R.M.: Nonisomorphic Steiner Triple Systems 303
Wolff, M.: Über das Randspektrum komplexer ordnungsbeschränkter Operatoren in Banachverbänden 293

Indexed in Current Contents

INSTRUCTIONS TO AUTHORS

A. General

Papers submitted for publication may be written in English, French or German. A **summary** for Zentralblatt für Mathematik (including key words for classification) should be attached.

To speed up publication, authors will receive **only one set of proofs:** provisionally numbered page proofs. Authors are requested to **correct typographical errors only;** they will be charged for corrections involving changes, additions or deletions to the original manuscript.

Manuscripts must be in their **final form,** typed on one side of each sheet only, with double spacing and wide margins. Formulae should be typewritten whenever possible. Mimeographed copies are not acceptable unless clearly legible.

Please include a "Note for the Printer" explaining markings used. See suggestions overleaf.

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Please give on the first page of the manuscript a **running head** (condensed title), which should not exceed 70 letters including spaces.

References to the literature should be listed at the end of the manuscript. The following information should be provided for **journal articles:** names and initials of all authors, full title of the paper, name of the journal, volume, first and last page numbers and year of publication. References to **books** should include name(s) of author(s), full title, edition, place of publication, publisher and year of publication.

Examples

Bombieri, E., Giusti, E.: Harnack's inequality for elliptic differential equations on minimal surfaces. Inventiones math. **15**, 24–46 (1971).

Tate, J.T.: *p*-Divisible Groups. In: Proceedings of a Conference on Local Fields, pp. 158–183. Berlin-Heidelberg-New York: Springer 1967.

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Words or sentences to be set in *italics* should be marked by single underlining.

The words **"Theorem", "Proposition", "Lemma", "Corollary"** etc. are normally printed in **boldface**, followed by the formulation in italics (to be underlined in the manuscript).
The words "*Proof*", "*Remark*", "*Example*", "*Case*" etc. are printed in italics, and "Definition" in boldface with the formulation in ordinary typeface.

2. Formulae

Letters in formulae are normally printed in italics, figures in ordinary typeface.
It will help the printer if in doubtful cases the position of indices and exponents is marked thus: $b\,{}^{\wedge}_{j}$, $a\,{}^{\vee}_{i}$. Spacing of indices and exponents must be specially indicated ($A_{m\ n}^{\ n\ m}$), otherwise they will be set (A_{mn}^{nm}).
Underlining for special alphabets and typefaces should be done according to the following code:

single underlining:	small letter
double underlining:	capital letter
brown:	boldface (headings, boldface letters in formulae)
yellow:	upright (abbreviations e.g. Re, Im, log, sin, ord, id, lim, sup, etc.)
red:	Greek
blue:	Gothic
green:	Script
violet:	the numerals 1 and 0 (to distinguish them from the small letter *l* and the capital letter *O*)

The following are frequently confused:

$\circ, o, O, 0$; $\cup, \mathbf{u}, \bigcup, U$; $\times, x, X, \kappa$; $\vee, v, \nu$; $\theta, \Theta, \phi, \varphi, \Phi, \varnothing$; ψ, Ψ; $\varepsilon, \in$;

a', a^1; the symbol *a* and the indefinite article a;

also the handwritten Roman letters:

c, C; e, l; $\dot{I}, J$; k, K; o, O; p, P; s, S; u, U; v, V; w, W; x, X; z, Z;

Please take care to distinguish them in some way.

C. Examples

1. Special alphabets or typefaces

Script	$\mathcal{A}, \mathcal{B}, \mathcal{C}, \mathcal{D}, \mathcal{E}, \mathcal{F}, \mathcal{G}, \mathcal{H}, \mathcal{I}, \mathcal{J}, \mathcal{K}, \mathcal{L}, \mathcal{M}, \mathcal{N}, \mathcal{O}, \mathcal{P}, \mathcal{Q}, \mathcal{R}, \mathcal{S}, \mathcal{T}, \mathcal{U}, \mathcal{V}, \mathcal{W}, \mathcal{X}, \mathcal{Y}, \mathcal{Z}$ $a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z$
Sanserif	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
Gothic	$\mathfrak{A}, \mathfrak{B}, \mathfrak{C}, \mathfrak{D}, \mathfrak{E}, \mathfrak{F}, \mathfrak{G}, \mathfrak{H}, \mathfrak{I}, \mathfrak{J}, \mathfrak{K}, \mathfrak{L}, \mathfrak{M}, \mathfrak{N}, \mathfrak{O}, \mathfrak{P}, \mathfrak{Q}, \mathfrak{R}, \mathfrak{S}, \mathfrak{T}, \mathfrak{U}, \mathfrak{V}, \mathfrak{W}, \mathfrak{X}, \mathfrak{Y}, \mathfrak{Z}$ $\mathfrak{a}, \mathfrak{b}, \mathfrak{c}, \mathfrak{d}, \mathfrak{e}, \mathfrak{f}, \mathfrak{g}, \mathfrak{h}, \mathfrak{i}, \mathfrak{j}, \mathfrak{k}, \mathfrak{l}, \mathfrak{m}, \mathfrak{n}, \mathfrak{o}, \mathfrak{p}, \mathfrak{q}, \mathfrak{r}, \mathfrak{s}, \mathfrak{t}, \mathfrak{u}, \mathfrak{v}, \mathfrak{w}, \mathfrak{x}, \mathfrak{y}, \mathfrak{z}$
Boldface	**A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z** **a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z**
Special Roman	$\mathbb{A}, \mathbb{B}, \mathbb{C}, \mathbb{D}, \mathbb{E}, \mathbb{F}, \mathbb{G}, \mathbb{H}, \mathbb{I}, \mathbb{J}, \mathbb{K}, \mathbb{L}, \mathbb{M}, \mathbb{N}, \mathbb{O}, \mathbb{P}, \mathbb{Q}, \mathbb{R}, \mathbb{S}, \mathbb{T}, \mathbb{U}, \mathbb{V}, \mathbb{W}, \mathbb{X}, \mathbb{Y}, \mathbb{Z}, \mathbb{1}$
Greek	$\Gamma, \Delta, \Theta, \Lambda, \Xi, \Pi, \Sigma, \Phi, \Psi, \Omega$ $\alpha, \beta, \gamma, \delta, \varepsilon, \zeta, \eta, \theta, \vartheta, \iota, \kappa, \lambda, \mu, \nu, \xi, o, \pi, \rho, \sigma, \tau, \upsilon, \varphi, \phi, \chi, \psi, \omega$

2. Notations

preferred form	instead of
$A^*, \tilde{b}, \gamma', \mathfrak{v}, \mathbf{v}$	$\bar{A}, \hat{b}, \check{\gamma}, \vec{v}$
lim sup, lim inf	$\overline{\lim}, \underline{\lim}$
inj lim, proj lim	$\varinjlim, \varprojlim$
$f\colon A \to B$	$A \xrightarrow{f} B$
f^{-1}	$\overset{-1}{f}$

preferred form	instead of
$\exp(-(x^2+y^2)/a^2)$	$e^{-\frac{x^2+y^2}{a^2}}$
$\dfrac{\cos(1/x)}{(a+b/x)^{1/2}}$	$\dfrac{\cos\dfrac{1}{x}}{\sqrt{a+\dfrac{b}{x}}}$